

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: markspencer

Timestamp: Thu Jul 26 14:36:55 EDT 2007

=====

Validated By CRFValidator v 1.0.2

Application No: 10591885 Version No: 1.0

Input Set:

Output Set:

Started: 2007-07-25 19:55:30.946  
Finished: 2007-07-25 19:55:31.059  
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 113 ms  
Total Warnings: 1  
Total Errors: 0  
No. of SeqIDs Defined: 11  
Actual SeqID Count: 11

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (9)

# SEQUENCE LISTING

<110> GEKAKIS, NICHOLAS  
LLOYD, DAVID

<120> PROHORMONE CONVERTASE 1 MUTATION ASSOCIATED WITH  
OBESITY

<130> P1148US10

<140> 10591885

<141> 2007-07-25

<150> 10/591,885

<151> 2006-09-06

<150> PCT/US05/007300

<151> 2005-03-07

<150> 60/550,611

<151> 2004-03-06

<160> 11

<170> PatentIn Ver. 3.3

<210> 1

<211> 20

<212> PRT

<213> Mus sp.

<400> 1

Cys Ala Gly Glu Ile Ala Met Gln Ala Asn Asn His Lys Cys Gly Val

1 5 10 15

Gly Val Ala Tyr

20

<210> 2

<211> 20

<212> PRT

<213> Homo sapiens

<400> 2

Cys Ala Gly Glu Ile Ala Met Gln Ala Asn Asn His Lys Cys Gly Val

1 5 10 15

Gly Val Ala Tyr

20

<210> 3

<211> 20

<212> PRT

<213> Sus sp.

<400> 3

Cys Ala Gly Glu Ile Ala Met Gln Ala Asn Asn His Lys Cys Gly Val  
1 5 10 15

Gly Val Ala Tyr  
20

<210> 4

<211> 20

<212> PRT

<213> Rattus sp.

<400> 4

Cys Ala Gly Glu Ile Ala Met Gln Ala Asn Asn His Lys Cys Gly Val  
1 5 10 15

Gly Val Ala Tyr  
20

<210> 5

<211> 20

<212> PRT

<213> Aplysia sp.

<400> 5

Cys Ala Gly Glu Val Ala Ile Gln Ala Asn Asn His Lys Cys Arg Val  
1 5 10 15

Gly Ile Ala Tyr  
20

<210> 6

<211> 20

<212> PRT

<213> Mus sp.

<400> 6

Cys Ala Gly Glu Val Ala Ala Ser Ala Asn Asn Ser Tyr Cys Ile Val  
1 5 10 15

Arg Ile Ala Tyr  
20

<210> 7

<211> 20

<212> PRT

<213> Mus sp.

<400> 7

Cys Ala Gly Glu Val Ala Ala Val Ala Asn Asn Gly Val Cys Gly Val  
1 5 10 15

Gly Val Ala Tyr

&lt;210&gt; 8

&lt;211&gt; 20

&lt;212&gt; PRT

<213> *Cepeae* sp.

&lt;400&gt; 8

Cys Ala Gly Glu Val Ala Ala Glu Ala Asn Asn Thr Tyr Cys Thr Ile  
 1 5 10 15

Gly Ile Ala Pro  
 20

&lt;210&gt; 9

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
 peptide

&lt;400&gt; 9

Cys Ala Gly Glu Ile Ala Met Gln Ala Asn Asp His Lys Cys Gly Val  
 1 5 10 15

Gly Val Ala Tyr  
 20

&lt;210&gt; 10

&lt;211&gt; 20

&lt;212&gt; PRT

<213> *Saccharomyces* sp.

&lt;400&gt; 10

Cys Ala Gly Glu Ile Ala Met Gln Ala Asn Asn Asn Phe Cys Gly Val  
 1 5 10 15

Gly Val Ala Tyr  
 20

&lt;210&gt; 11

&lt;211&gt; 20

&lt;212&gt; PRT

<213> *Bacillus subtilis*

&lt;400&gt; 11

Val Ala Gly Thr Val Ala Ala Gln Ala Asn Asn Asn Ser Ile Gly Val  
 1 5 10 15

Leu Val Ala Pro  
 20

